| FORM ,PTO-1449 U                                  |                                    |                 |          |     |    | U.S. LEVARTMENT OF COMMERCE<br>PATENT AND TRADENARY OFFICE |     |     |            |                 | T1221/010/TC       | SERIAL NO.<br>07/937,641      |             |   |          |  |
|---|------------------------------------|-----------------|----------|-----|----|--|-----|-----|------------|-----------------|--------------------|-------------------------------|-------------|---|----------|--|
| LIST OF PRIOR ART CITED BY APPLICANT  This bedood |                                    |                 |          |     |    |  |     |     |            |                 |                    |                               |             | *************************************** |          |  |
| (   | (lice several sheets if nacessary) |                 |          |     |    |  |     |     |            |                 | FILING DATE        | Thibadeau<br>(CING DATE GROUP |             |   |          |  |
| 1993  |                                    |                 |          |     |    |  |     |     | 1020       | . T             | August 31, 1992    |                               |             | 2602                                    |          |  |
|   |                                    |                 |          |     |    |  |     | -   |            | U.S. PA         | TENT DOCUMENTS     |                               |             | -                                       |          |  |
| *EXAMINER<br>INITIAL                              |                                    | DOCUMENT NUMBER |          |     |    |  | BER |     | DATE       | NAME            |                    | CLASS                         | SUBCLASS    | FILING DATE<br>IF APPROPRIATE           |          |  |
| CO  | AA                                 | 5               | 0        | 7   | 0  | 4  | 0   | 4   | 12/3/91    | Bullock e       | t al.              | 358                           | 142         |   |          |  |
| CG.   | AB                                 | 4               | 8        | 6   | 8  | 8  | 6   | 6   | 9/19/89    | Williams, Jr.   |                    | 380                           | 49          |   |          |  |
| CG  | AC                                 | 4               | 8        | 2   | 9  | 3  | 7   | 2   | 5/9/89     | McCalley et al. |                    | 358                           | 86          |   |          |  |
| CG  | AD                                 | 4               | 4        | 5   | 0  | 4  | 7   | 7   | 5/22/84    | Lovett          |                    | 358                           | 86          |   |          |  |
| CG  | AE                                 | 4               | 6        | 7   | 7  | 6  | 8   | 6   | 6/30/87    | Hustig et       | al.                | 455                           | 5           |   |          |  |
| CG  | AF                                 | 4               | 3        | 2   | 3  | 9  | 2   | 1   | 4/6/82     | Guillou         |                    | 358                           | 114         |   |          |  |
| 66  | AG                                 | 3               | 9        | 9   | 3  | 9  | 5   | 5   | 11/23/76   | Belcher e       | t al.              | 325                           | 308         |   |          |  |
|   | АН                                 |                 |          |     |    |  |     |     |            |                 |                    |                               |             | ļ                                       |          |  |
|   | AI                                 |                 |          |     |    |  |     |     |            |                 |                    |                               | :           |   | <u>.</u> |  |
|   | AJ                                 |                 |          |     |    |  |     |     |            |                 |                    |                               |             |   |          |  |
|   | AK                                 |                 | <u> </u> |     |    |  |     |     |            |                 |                    |                               |             |   |          |  |
|   |                                    |                 |          |     |    |  |     |     |            | FOREIGN         | PATENT DOCUMENTS   | 1                             |             | TRANSLAT                                | TON      |  |
|   |                                    |                 | DOC      | UME | NT | NUM  | BER |     | DATE       |                 | COUNTRY            | CLASS                         | SUBCLASS    | YES                                     |          |  |
|   | AL                                 |                 |          |     |    |  |     |     |            | -               |                    |                               |             |   |          |  |
|   | АМ                                 |                 |          |     |    |  |     |     |            |                 |                    |                               |             |   | 1        |  |
|   | AN                                 |                 |          |     |    |  |     |     |            |                 |                    |                               |             |   |          |  |
|   | AO                                 |                 |          |     |    |  |     |     |            |                 |                    |                               |             |   |          |  |
|   | AP                                 |                 |          |     |    |  |     |     |            |                 |                    |                               |             |   | ļ        |  |
|   |                                    |                 |          |     |    | отн  | ER  | PRI | OR ART (Ir | ncluding Au     | thor, Title, Date, | Pertinent P                   | ages, Etc.) |   |          |  |
|   | AR                                 |                 |          |     |    |  |     |     | ·          | ,               |                    |                               |             |   |          |  |
|   |                                    |                 |          |     |    |  |     |     |            |                 |                    |                               |             |   |          |  |
|   | AS                                 |                 |          |     |    |  |     |     |            |                 |                    |                               |             |   |          |  |
|   | AT                                 |                 |          |     |    |  |     |     |            |                 |                    |                               |             |   |          |  |
| EXAMINER:   |                                    | L               |          | _   |    |  |     |     |            |                 | DATE CONSIDERED:   |                               |             |   |          |  |

EXAMINER: CHRIS GRANT

TE CONSIDERED: 4/8/94